

Water-Data Report 2013

02268600 LAKE ROSALIE NEAR LAKE WALES, FL

Kissimmee Basin
Kissimmee Subbasin

LOCATION.--Lat 27°56'35", long 81°25'26" referenced to North American Datum of 1927, in SE ¼ sec.21, T.29 S., R.29 E., Polk County, FL, Hydrologic Unit 03090101, on west side of lake, at southwest corner of private boat basin, 1/8 mi inland from the lake, 10.5 mi, northeast of Lake Wales.

DRAINAGE AREA.--133 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1941 to February 1942 (weekly); March to July 1942; August 1942 to August 1943 (fragmentary); March 1958 to April 1967 (weekly); May 1967 to July 2003 (once daily); August 2003 to September 2004; October 2004 to December 2004 (fragmentary); January 2005 to July 2005 (once daily); August 2005 to current year.

GAGE.--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929 (U.S. Army Corps of Engineers bench mark). See WDR FL-02-1A for history of changes prior to Oct. 17, 1979. Oct. 17, 1979 to July 2, 2003 to Dec. 12, 2004, nonrecording gage at site 1/8 mi southwest at present datum.

REMARKS.--Surface area 4,592 acres (7.18 mi²). Outflow from lake is through diversion canal to Lake Kissimmee, the most downstream of the Kissimmee River headwaters chain of lakes and also through Rosalie Creek to Tiger Lake, thence through Tiger Creek to Lake Kissimmee.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 56.08 ft, Sept. 27, 2004; minimum observed, 50.30 ft June 2-4, 1967.

02268600 LAKE ROSALIE NEAR LAKE WALES, FL—Continued

LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	53.65	54.07	53.56	---	52.92	52.60	52.23	52.05	51.95	54.11	54.27	53.51
2	53.65	54.07	53.55	---	52.90	52.57	52.22	52.09	51.97	54.24	54.22	53.53
3	53.69	54.06	53.54	---	52.89	52.53	52.23	52.09	51.99	54.28	54.20	53.58
4	53.72	54.05	53.52	---	52.87	52.52	52.27	52.08	51.98	54.37	54.21	53.67
5	53.82	54.03	53.49	53.20	52.86	52.50	52.29	52.05	52.01	54.35	54.20	53.72
6	54.16	54.02	53.48	53.21	52.85	52.47	52.30	52.02	52.23	54.36	54.17	53.77
7	54.40	53.99	53.47	53.22	52.85	52.44	52.29	52.00	52.33	54.31	54.12	53.80
8	54.55	53.96	53.46	53.21	52.83	52.43	52.29	51.98	---	54.24	54.09	53.86
9	54.68	53.95	53.45	53.22	52.82	52.42	52.28	51.97	---	54.17	54.04	53.88
10	54.70	53.93	53.44	53.21	52.81	52.41	52.27	51.97	---	54.12	54.00	53.88
11	54.68	53.92	53.44	53.20	52.80	52.41	52.26	51.96	52.74	54.08	53.95	53.89
12	54.63	53.90	53.49	53.20	52.78	52.41	52.24	51.95	52.78	54.06	53.90	53.90
13	54.59	53.89	53.49	53.19	52.76	52.40	52.23	51.93	52.81	54.07	53.85	53.90
14	54.54	53.88	53.46	53.17	52.77	52.38	52.23	51.92	52.81	54.11	53.80	53.91
15	54.48	53.86	53.46	53.17	52.81	52.36	52.23	51.91	52.84	54.16	53.75	53.90
16	54.43	53.84	53.45	53.15	52.78	52.35	52.23	51.88	52.89	54.18	53.72	53.90
17	54.38	53.82	53.44	53.13	52.75	52.35	52.22	51.87	52.90	54.20	53.69	53.90
18	54.36	53.80	53.42	53.09	52.74	52.34	52.20	51.86	53.10	54.21	53.68	53.92
19	54.33	53.77	53.41	53.10	52.72	52.34	52.18	51.84	53.21	54.27	53.72	53.92
20	54.29	53.76	53.40	53.07	52.71	52.33	52.16	51.86	53.35	54.32	53.70	53.91
21	54.27	53.74	53.37	53.06	52.70	52.31	52.15	51.93	---	54.31	53.66	53.89
22	54.25	53.72	53.33	53.06	52.70	52.31	52.16	51.93	---	54.29	53.64	53.89
23	54.25	53.69	53.32	53.03	52.69	52.36	52.16	51.93	---	54.34	53.65	53.93
24	54.24	53.67	53.32	53.02	52.69	52.35	52.15	51.92	---	54.32	53.71	53.98
25	54.23	53.64	53.31	53.01	52.68	52.34	52.13	51.92	53.79	54.33	53.73	53.95
26	54.22	53.63	53.29	53.00	52.68	52.30	52.12	51.89	53.80	54.36	53.73	53.92
27	54.19	53.61	53.28	52.99	52.66	52.29	52.11	51.87	53.88	54.39	53.72	53.89
28	54.17	53.60	53.27	52.98	52.63	52.27	52.10	51.87	53.86	54.43	53.67	53.86
29	54.13	53.58	53.27	52.98	---	52.25	52.05	51.93	53.86	54.40	53.62	53.83
30	54.10	53.57	53.26	52.97	---	52.25	52.04	51.97	53.98	54.36	53.58	53.81
31	54.09	---	53.25	52.95	---	52.24	---	51.96	---	54.32	53.54	---
Mean	54.25	53.83	53.41	---	52.77	52.38	52.20	51.95	---	54.26	53.86	53.84
Max	54.70	54.07	53.56	---	52.92	52.60	52.30	52.09	---	54.43	54.27	53.98
Min	53.65	53.57	53.25	---	52.63	52.24	52.04	51.84	---	54.06	53.54	53.51

02268600 LAKE ROSALIE NEAR LAKE WALES, FL—Continued

